

642-550
Reel # 55

Iodination of Benzoic Acid and Benzaldehyde
in the Presence of a Nitric-Sulfuric Nitrating
Mixture, by B. V. Tronov, A. N. Norkov,
2 pp.

RUSSIAN, no per, Zhur Obshch Khim,
Vol XXIII, No 6, Jun 1953, pp 1022, 1023.
SEA D 122,344

Consultants Bureau

Scientific - Chemistry

CT8/DNK

18,721

Complexes of Germanium Halides With Pyridine, 2, 2'-
Dipyridyl, and 1,10-Phenanthroline, by V. G.
Lebedev, V. G. Tronev, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8,
1960, pp 1725-1729.

Cleaver-Hume Press

Sci

Jul 61

157, 623

The Volatility of Germanium in Gas Currents, by V. G. Tronev, K. E. Chibireva, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 10, 1956, pp 2278-2282.

AEC-Tr-4591
PL-480

Sci

Jun 63

341, 156

WHAT RETARDS LABOR PRODUCTIVITY GROWTH IN
ENTERPRISES OF BEL'TSY, BY A. ~~XX~~ TRONIN,
G. PYATAK, 9 PP.

RUSSIAN, NP, SOVETSKAYA MOLDAVIYA, 12 DEC
1962, P 3.

JPRS 17477

USSR
ECON
FEB 63

221,88362

Conversion of Allylbenzene Over Aluminosilicate Catalysts. II. Structure and Mechanism of Formation of the Dimer. by K. V. Topchyeva, A. I. Pletyushkina and V. A. Trenova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3, 1958, pp 631-634/

Consultants Bureau

Sci- Chem

May 59

87, 357

XXXII. Chromic Oxide on Alumina as a Catalyst
for Conversions of Heterocyclic Compounds, by
Yu. K. Yuriev and V. A. Aronova, 6 pp.

RUSSIAN, no per Zhur Obshch Khim, Vol XXI,
No 4, USSR, Apr 1951, pp 742-749

Consultants Bureau
Vol 21, Apr 1951

A 12190

YURIEV, YU. K
TRONOVA, V. A.

THE BEHAVIOR OF FURAN AND FURANIDINE WITH METAL
SULFIDES AND AMIDES

3 pages 256 - 259

RUSSIAN, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951

Consultants Bureau Translation

A12191

60
Optical Investigations on Electrochemically
Activated and Passivated Metallic Reflectors,
by L. Tronstad, 48 pp.
GERMAN, per. Zeitschrift für Physikalische Chemie.
Series A, Vol 142, No 4, 1929.
ACSI J-3507
ID 2204048067

Sci-Chem
Feb 68

349,183

L. Tronstad

Procédé de Fabrication de l'Hydrogène, de l'Eau
Lourde et de Métaux, (A Process for Production of
Hydrogen, Heavy Water, and Metal), by L.
Tronstad, J. Brun, 27 pp.

NORWEGIAN to FRENCH, Patent No 77,176,
24 Jul 1950.

Reverse Trans
CEA Tr-X-214

Sci
26 Apr 61

Roll Flattening During the Rolling Process, by
A. Treost, H. Grofkes.

GERMAN, per, Stahl und Eisen, Vol. LXXXII, 1962,
pp 957-963.

BIBI 3042

Sci - Eng
Mar 63

224,461

Troost, Alex and Hölling, Karlheinz. REMARKS ON A FEW THEORETICAL PLASTICITY FUNDAMENTALS OF STRIP ROLLING AND A SIM- PLIFIED CALCULATION OF THE NO-SLIP POINT (Bemerkungen über einige Plastizitätstheoretische Grundlagen des Bandwalzens und eine Vereinfachte Berechnung der Fließscheidenlage) [1961] [26]p. (foreign text included) 11 refs. Order from SLA \$2.60 Trans. of Z[eitschrift für] Metallk[un]de (West Germany). 1961, v. 52, no. 2, p. 95-100. DESCRIPTORS: *Rolling mills, *Plasticity, Design, Torque, Metals, Stresses, Mechanical properties, Friction, *Aluminum, *Steel, Processing The use of dynamic and kinematic variables which de- scribe the mechanical state of a differential element of (Metallurgy, TT, v. 7, no. 5) (over)	61-20074 I. Troost, A. II. Hölling, K. 194887 Office of Technical Services
---	--

Hypotheses on the Effect of Size and Shape Under
Fatigue Stressing, by A. Troost.

GERMAN, per, Metall, Vol VI, No 21/22, 1952,
Metall-Verlag, Berlin-Grünwald.

D.S.I.R./27195

Sci - Min/metals
Apr 57 CTS/dex

46,685

1

Metal Science and Technology, by A
Probst.

GERMAN, per, Metall, Vol VI, No 21/22,
1952, pp 675-686.

ASLIB-GB29

Sci

71, 714

Aug 58

61-20074

Troost, Alex and Hölling, Karlheinz.
REMARKS ON A FEW THEORETICAL PLASTICITY
FUNDAMENTALS OF STRIP ROLLING AND A SIM-
PLIFIED CALCULATION OF THE NO-SLIP POINT
(Bemerkungen über einige Plastizitätstheoretische
Grundlagen des Bandwalzens und eine Vereinfachte
Berechnung der Fließanscheldendage) [1961] [26]p.
(foreign text included) 11 refs.
Order from SLA \$2.60

61-20074

Trans. of Z[eitschrift für] Metallk[un]de (West
Germany). 1961, v. 52, no. 2, p. 95-100.

DESCRIPTORS: *Rolling mills, *Plasticity, Design,
Torque, Metals, Stresses, Mechanical properties,
Friction, *Aluminum, *Steel, Processing

The use of dynamic and kinematic variables which de-
scribe the mechanical state of a differential element of
(Metallurgy, TT. v. 7, no. 5) (over)

I. Troost, A.
II. Hölling, K.

194887

Office of Technical Services

9/
(DC-3324).

The Scientific Conference of the Irkutsk Anti-Plague
Institute (USSR), by I. Ye. Trop, 4 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol,
No 10, 1959, pp 155, 156.

JPRS-177-D

Sci - Med
Feb 60

109,079

Compounds of Indium With Glymccocoll, by
A. P. Kochetkov, V. G. Tropov, 7 pp. POST EDITED

RUSSIAN, per, Zhur Neorgan Khim, Vol. ~~XXXXXX~~ VIII,
No 3, 1963, pp 772-774. 9693205

FTD-MT-63-279
GOV'T USE ONLY

Sci - Chem
Jul 64

263,715

Control of Forest Pests by Aerosols, by 42
I. V. Tropin.
RUSSIAN, bk, Prinemeniye Acrozolei dlya
Bor'by s Vreditelyami Lesa, 1962, 61 pp.
CFSTI TT 68-50364

I. V. Tropin

Sci-B&M
Apr 69

380,295

p 17
Methods for Determining the Stability of Suspensions
of Emulsible Powderlike Pesticides, by V. P. Troshin, 11 pp.
RUSSIAN, per. Khim v Sel'skoy Khoz, No 1, 1964,
pp 17-21.
JPRS 20023

Sci - Agri
Feb 65

273,341

Changes in the Structure, Degree of Dispersion and
Yield Value of Foams as the Results of Complete
Freezing, by M. P. Volarovich, E. F. Gusev, S. M.
Markov, V. P. Tropin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 401-405.

Consultants Bureau

Sci - Chem

Jan 59

79,453

Changes in the Structure, Degree of Dispersion and
Yield Value of Peats as the Results of Complete
Freezing, by M. P. Volarovich, K. F. Gusev, S. E.
Markov, V. P. Tropin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 401-405.

Consultants Bureau

Sci - Chem

Jan 59

79,453

Effect of Compression of Artificially Deposited
Sediments Upon Permanent Magnetization, by A. Ya.
Vlassov, G. V. Kovalenko, Yu. D. Tropin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,
1961, pp 1179-1182.

AGU

Sci

Mar 62

183, 835

Effects in Earth Currents Caused by High-
Altitude Atomic Explosions, by V. A. Tropitskaya,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 9,
1960, pp 1321-1327.

IGC
OTS PB-131632-144

Sci - Geophya
23 Nov 60

133,340

(NY-3000/2)

A Good Start by Instrument Builders, by A. Kvinko,
A. Tropko, Ye. Rechanik, V. Zhilko, 5 pp.

RUSSIAN, np, Sovetskaya Moldaviya, No 285(4854),
2 Dec 1960, p 2.

JPRS 9748

USSR
Econ

Aug 61

163,704

INDUSTRIAL TESTS OF THE R30A VIBRATING
CONVEYER, BY V. E. GERGEYEV, A. G. TROPIAN,
5 PP.

RUSSIAN, PER, TSVETNYYE METALLY, VOL 11, NO 12,
1961, PP 38-42.

PS

SCI

FEB 63

221,524

Investigations on Lipoids of Animal Organs. 8th
Report. The Occurrence of Lignoceryl Sphingosine
in the Beef Spleen, by C. Tropp, V. Wiedersheim,
11 pp.

GERMAN, per, Hoppe-Seylers Z. physiol Chem, Vol
CCXXII, 1933, pp 39-43.

NIH 6-4

Sci - Med
Jul 58

67,523

Corelborin P., by M. Ya. Tropp, 4 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXVI, No 6,
Jun 1956, pp 1786-1789.

Consultants Bureau

Sci - Chemistry
Jul 57

49, 642

Corelberin P., by M. Ya. Tropp, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1786-1789.

Consultants Bureau

Sci - Chemistry
Jul 57

49,642

Spectrographic Investigation of Cardiac Glycosides
From Hellebore, by M. Ya. Tropp, Yu. V. Shostenko,
D. G. Kolesnikov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 8,
1953, pp 1421-1425. CIA D 182360

Consultants Bureau

Scientific - Chemistry
Dec 54 CTS/DEX

20,103

Removal of Nitric Oxide From Coke Oven Gas
by its Catalytic Reduction to Ammonia, by
Hans Tropach, Robert Mascher, 10pp
GERMAN, per, Angewandte Chemie, Vol. 12, 1931,
No 18, pp 345-350
EIA TT-64-20860

Hans Tropach

Sci - Eng
May 67

327,412

Composition of Products Obtained in Synthesizing
Petroleum, by F. Fischer, H. Tropsch.

CSMIAH, per. Brennstoff-Chemie, Vol. II, Nos 21-24,
Essen, 1928.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 74

Sci - Chem

87, 605

May 59

63-10445

Tropsch, Hans.

REGARDING THE CATALYTIC REDUCTION AND
HYDROGENATION OF PHENOLS WITH HYDROGEN
UNDER PRESSURE. 27 Jan 31 [14]p. 11 refs.
Order from SLA \$1.60 63-10445

I. Tropsch, H.
II. Title: Catalytic ...

Trans. of Brennstoff-Chemie (Germany) 1930, v. 11,
no. 22, p. 449-452.

DESCRIPTORS: *Phenols, Reduction, *Hydrogenation,
Hydrogen, Pressure, *Catalysts, *Molybdenum,
*Nickel catalysts.

Molybdenum, even in the form of a sulphide, proved
to be the most suitable catalyst for the reduction of
cresols and caused an almost complete conversion
into hydrocarbons. Nickel is also a good catalyst but
is readily poisoned by sulphur. During the reduction
of phenol also a partial hydrogenation of the formed
(Chemistry--Organic, TT, v. 9, no. 8) (over)

4230666

Office of Technical Services

Conversion of the Northern Line of Telecommuni-
cations System to V-60 Operation, by Wilhelm
Troschke, 6 pp.

GERMAN, per, Die Deutsche Post, Vol VII, No 9,
1962, pp 264-265.

JPRS 15769

215,791

EE - Germany
Econ
Sci-Electronics
Oct 62

(SF-1878)

Grigoriy Semenovich Sudaykin, by P. G. Troshanin,
3 pp.

RUSSIAN, per, Entomologicheskoye Obozreniye,
Vol XXXIX, No 4, 1960, pp 963-964.

JPRS 11710

USSR

Biog

Jan 62

178,791

Investigation of Acridine Derivatives. 1.
Synthesis of 1-Nitro-2-methoxy-9-chloroacridine,
by A. T. Troshchenko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8, 1958,
pp 2207-2212.

CB

Sci - Chem
Oct 59

99,945

Phenylxanthenes, by A. T. Troshchenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXVII, No 4, 1957,
pp 967-969.

Consultants Bureau

Sci - Chem
Aug 58

69, 217

Strength of Powder-Metal Materials and Alloys at Normal
and High Temperatures, by G. S. EK Pisarenko,
V. T. Treshchenko, et al, 316 pp.

RUSSIAN, Prichnost' Metallokeramicheskikh Materialov
i Spлавov pri Normal'nykh i Vysokikh Temperaturakh,
Kiev, 1962, pp 1-273.

JPRS 22247

Sci-Mat & Met
Dec 63

243,706

The Effect of the Loading Rate on the Strength
Characteristics of a Number of Cermets,
by V. T. Troshchenko, 5 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 1,
(13), 1963, pp 26-32.

CB

Sci
May 64

259,277

On a Method for Determining the Fatigue Limit, by
B. A. Gryaznov, V. T. Troshchenko, 3 pp.

RUSSIAN, Per, Zavod Lab, Vol XXVI, No 12, 1960,
pp 1398-1400.

ISA

165, 623

Sci
Aug 61

The Strength of Porous Sintered Materials, by V.T.
Troshchenko, 7 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 3 (15)
1963, pp 3-11.

CB

258,421

Sci
May 64

On the Question of the Scattering of Energy in
Matter, by V. T. Troshchenko, 10 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1060-1069.

AIP
Sov Phys-Solid State

Sci

Jan 61

138, 160

Statistical Theories of Strength and Their
Application to Metalloceramic Materials
(Selected Parts), by G. S. Pisarenko,
V. T. Troshchenko, 102 pp.

RUSSIAN, bk, Statistichni Teorii Mitsnosti Ta
Ikh Zastosuvannya do Metalokeramichniki ~~MEHNI~~
Materialiv, Ak Nauk Ukrain RSR, Vidavnitsto
Ak-Nauk Ukrain RSR, Kiev, 1961, pp 12-19, 40-102.
9683302

FTD-TT-62-1765

234,542

Sci-Phys
Jun 63

84
Toward the Question on Connection of Energy Scat-
tering in Material With Fatigue Strength, by
V. T. Trushchenko, 27 pp.

RUSSIAN, per, Trudy AN UkrSSR, Institut Metal-
lokeramiki i Spetsial'nykh Splavov, Rasseyaniye
Energii Pri Kolebaniyakh Uprugikh Sistem, No 4,
1963, pp 149-158. P100224267

PTD-MT-65-231

V. T. Trushchenko

Sci/Materials
Aug 67

336,563

Certain Problems Related to the Strength of Silicon Carbide Base Cermet Materials, by V.T. Troshchenko.

RUSSIAN, per, Inzh Fiz Zhur, No 1, 1960, pp 103-107.
CIA 9660846.

ATIC MCL 640

Sci - Min/Met; Chem

May 60

T60-17104 Ref DC-12

152,577

Troshchenko, V. T. CERTAIN PROBLEMS RELATED TO THE STRENGTH OF SILICONE CARBIDE BASE CERAMET MATE- RIALS. 9 Dec 60 [7]p. (2 figs. 3 tables omitted) 5 refs. MCL-640/1. Order from LC or SLA ml\$1.80, ph\$1.80 61-19387 Rough draft trans. of Inzhenerno-Fizicheskiy Zhurnal (USSR) 1960, v. 3, no. 1, p. 103-107. The breakdown mechanism of brittle silicon carbide base ceramet materials can be calculated with accuracy by W. Weibull's formula of the statistical theory of strength. (Materials--Ceramics, TT, v. 5, no. 10)	61-19387 I. Ceramic materials-- Mechanical properties 2. Silicon carbide-- Properties I. Troshchenko, V. T. II. MCL-640/1 III. Technical Information Center, Wright-Patterson AFB, Ohio Office of Technical Services
---	--

Production of Clad Stainless Steel, by F. A. Ksenjuk, ^{b6}
N. A. Troshchenkov, 10 pp.
RUSSIAN, bk. Prodata i Otdelka Polosovoy Nerzhaveyu-
shchey Staley, Moscow, Chapter X, 1963, pp 190-196.
JPRS 24422

Sci-Mat & Met
May 64

257,190

55
 on Methods for the Study of Individual Features
 of Higher Nervous Activity in Rabbits. by
 O. V. Malinovsky, In. G. Troshikina, 7 pp.
 RUSSIAN, per. Antodiki Isucheniya Tsel'nykh
Otkrytoy Vsesoyuznoy Akademi'noi
Zhivotnykh, 1964, pp 77-81. F10015343-V
 F10-31-67-186

Yu. G. Troshikina

Sci/Eng

Aug 68

74-22

STUDENT LEGAL STATUS IN JOB TRAINING, BY
A. TROSHIN, 10 PP.

RUSSIAN, PER, SOTRIALISTICHESKIY TRUD, VOL. VIII,
NO 2, 1963, PP 122-128.

JPRS 18571

USSR-ECON
APR 63

128, 128

Some Lines of Cytological Investigation in the
U.S.A., by A. A. Troshin, 18 pp.

RUSSIAN; per, Tsitologiya, Vol III, ~~1961~~
No 4, 1961, pp 489-493.

NIH 11-49-61

181, 085

Sci - Med

Jan-62

and Distribution of Sulphur Between Metal and Slag

Concerning the Physiological Foundations of Psychotherapy
by A. K. Troshin, pp. 55-56.

RUSSIAN, bk, Psychotherapy in The Soviet Union

CIA Lib.
RC 480 .L4 E5

Dec 61

50
Cytology Manual 5, Theories of Personality,
by A. S. Troshin, et al,
RUSSIAN, bk, Rukovodstvo Po Tsitologii. V. 5.
5, Teories Prinitssionosti, 1965, pp 547-551.
HAND

Sci-340
Nov 66

313,129

The Sorbtion Theory of Distribution of Substances
Between the Cell and the Environment, by A. S.
Troshin, 16 pp.

RUSSIAN, bk, Voprosy Tsitologii i Protistologii,
Sbornik Rabot, 1960.

OTS 61-31010
PL-480

Sci

Jun 62

PST 545

197,671

(DC-6731)

Applied Cytology, by A. S. Troshin, V. P. Paribok,
et al, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
Vol XXVII, No 1, Feb 1962, pp 127-310.

JPRS 13487

Sci - Biol
Apr 62

192, 330

On Bound and Free Sodium in Frog Skeletal
Muscles, by A. S. Troshin, 11 pp.

RUSSIAN, per, Biofizika, Vol II, No 5, 1957,
pp 617-627.

Pergamon Press

Sci - Phys

Sep 58

71,851

S-470/60

(NY-4287)

Research Tasks on the Problem "Key Questions of
Cytology, by A. S. Troshin, 12 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 2, 1960.

JPRS 5498

Sci - Med

Oct 60

128,965

Research on the Mitotic Division of Cells, by A. G.
Troshin, L. N. Zhinkin, 4 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXXI, No. 10,
1961.

JPRS 11836

Sci - Biol

180,381

Jan 62

(NY-6745)

SOME TRENDS OF CYTOLOGICAL RESEARCH IN
THE UNITED STATES, BY A. S. TROSHIN, LO PP.

RUSSIAN, PER, TSITOLOGIYA, VOL III, NO 4,
JUL/AUG 1961.

JPRS 12195

SCI
FEB 62

181,661

Labeling Flies and Mosquitoes With Radioactive Phosphorus,
by N. V. H'yastaya, A. S. ~~P~~iroshin, 10 pp.

RUSSIAN, per, Zoel Zhur, Vol XXXIII, No 4, 1954, pp 341-347.

JPRS 22186

Sci-Biol
Dec 63

243,700

NEW DATA ON CHANGES IN THE CELL SUBSTANCE FROM
INJURY AND EXCITATION, BY D. L. ROZENTAL,
A. S. TROSHIN, 18 PP.

RUSSIAN, PER, TSITOLOGIYA, VOL. V, NO 4, PP 365-378.

JPRS 212894

SCI-BIOL & MED SCI
NOV. 63

242,2810

Permeability of the Cell Nucleus, by A. S. Troshin. 22 pp.
RUSSIAN, per, Tsiologiya, Vol V, No 6, Nov, Dec 1960,
pp 601-614.

JPRS 23472

Sci-Med
Mar 64

251,400

(DC-3356)

The Work of Dmitriy Nikolayevich Nasonov, by A. S.
Troshin, 4 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 6, 1959,
pp 601-~~604~~

JPRS 3628

Sci - Med

Aug 60

122,909

(NY-6502)

Communism - A Science, by D. M. Troshin,
11 pp.

RUSSIAN, per, Priroda, No 10, 1961,
pp 3-10.

JPRS 13126

USSR
Fol
Apr 62

189,384

Sci/Biology/Dialectical Development of Michurin Biol. C

Table of Contents, by D. M. Troshin.

RUSSIAN, Dialektika Razvitiya v Michyurinskoy Biologii,
Gospolitizdat, Moscow, 1950.

OQMG Tr
QMT-39

Dec cts
UNCLASSIFIED

A12192

18
Classification and Systematization of Science,
by D. M. Trekhin, 14 pp.
RUSSIAN, per, Priroda, No. 6, 1964, pp 56-64.
JPRS 26991

Sci-Biol & Med
Dec 64

279,0419

Running Control of Operation of Drying Plants, by
A. V. Troshin

RUSSIAN, per, Prom Energetika, 1952, Vol VI, pp 4-9.

PT 2744
D.B.I.R. Tr No T.C.L. 45

Scientific - Engineering

List No 49, Apr 1953

1085

(NY-6753)

The Problem of Combined Disturbances of
Cerebral and Coronary Circulation, by
V. D. Troshin, 9 pp.

RUSSIAN, per, Terapev Arkhiv, Vol XXXIII,
No 7, 1961, pp 35-38.

JPRS 11625

Sci - Med

178, 082

Jan 62

Gas Flow Through an Opening in a Channel Wall, by
V. I. Troshin, 6 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIII, No 5,
1959, pp 944-947.

Pergamon Press

Sci

Apr 60

114,926

View of a Gas Jet Out of A Channel Past a Flat
Plate, by V. L. Troshin, 7 pp

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIII,
No 4, 1959, pp 766-769

Fergamon Press

Sci.

Feb 60

109,293

Measurement of the Transference Numbers of Ions
Relative to the Solution
By B. P. Konstantinov and V. P. Troshin pp. 5

RUSSIAN, per. Zhur Prik Khim, Vol XXV, No 11, 1962.
pp. 2420 - 2425

CB

Sci

240-931

Oct 63

The Structure of the Front of Spherical Flames
and the Instability of Normal Combustions, by
Y. K. Troshin, K. I. Shchelkin, 9 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz,
Vol IX, 1955, pp 160-166. 9036521

SIA R-1183

TIL-T-7708

May 58

SLA: 61-13309

May 1979/T-42

63,172

Gasdynamics of Combustion, by K. I. Shchelkin,
Ya. K. Troshin, 365 pp.
RUSSIAN, bk, Gazodinamika Goreniya, Moscow,
1963, 255 pp.
NASA TT F-231

30

Sci-Phys
Nov 64

268,534

(NY-5590)

Generalization of the Hugoniot Equation for
Nonstationary Flame Propagation Processes in
Tubes, by Ya. K. Troshin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, No 3,
21 Jul 1955, pp 465-468.

JPRS 7586

140,289

Sci - Phys

Feb 61

No 14

(DC-3639).

On the Similarity Between Combustion in a Detonation
Wave and in a Rocket Motor, by Yu. N. Denisov, Ya.
K. Troshin, K. I. Shchelkin, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 6, 1959, pp 79-89.

JPRS 3321

118,674

Sci - Engr
Jun 60

On Spin Near the Gas Detonation Limits, by I. K.
Troshin, K. I. Shchelkin, 3 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 2, 1957, pp 142-143. CIA 7071116

Morris D. Friedman

Sci

Jul 59

91,3432

Pulsating and Spinning Detonation of Gaseous
Mixtures in Tubes, by Yu. N. Denisov, Ya. K.
Troshin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 1,
1959, pp 110-113.

Consultants Bureau

Sci

Apr 60

114,946

61-21130

Troshin, Ya. K.
GENERALIZATION OF THE HUGONOT EQUATION
FOR NONSTATIONARY FLAME PROPAGATION
PROCESSES IN TUBES (Obobshcheniye Uravneniya
Gyugonio na Nestatsionarnyye Protsessy Raspro-
straneniya Plameni v Trubakh). 29 Jan 61, 7p. 6 refs.
JPRS: 7586.
Order from OTS \$0.50

61-21130

Trans. of Akademiya Nauk SSSR. Doklady, 1955,
v. 103, no. 3, p. 465-468.

1. Flames--Propagation
2. Pipes--Thermodynamic properties
1. Troshin, Ya. K.
- II. JPRS-7586
- III. Joint Publications Research Service, New York

Office of Technical Services

(Physics--Thermodynamics, TT, v. 5, no. 8)

Points on Lower Hugoniot Curve Describing Combustion
Modes in Jet Engine Chambers, by Ya. K. Troshin.

RUSSIAN.

ARS Journal (Supplement)
Oct 1959

(BY-5341/4)

Structure of Gaseous Detonation in Tubes, by Yu. N.
Denisov, Ya. K. Troshin, 28 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XIX, No 4, 1960,
pp 450-459.

JPRS 7224

Sci - Phys

Dec 60

AIP
Sov. J. Phys. 1960, 4
Vol. 1, No. 4

135,814

Gallium-Indium Ration in Sphalerites of
Transbaikaliya, by Yu. P. Troshin, 10 pp.

RUSSIAN, per, Geokhim, No 4, 1962.

Geochem Soc

Sci

Jun 63

233,618

An Adiabatic Calorimeter Working on the Continuous
Heating Principle, by Yu. D. Tret'yakov, V. A.
Troshkina, K. G. Khomyakov.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1,
1959, pp 5-12.

The Cleaver-Hume Press Ltd

Sci - Chemistry
Jan 60

105,862

(NY-5502)

The Effect of Gradually Increasing Stimuli on
Muscle Tissue, by V. P. Troshina, 6 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 5, 1960.

JPRS 7884

Sci Med

Apr 61

146,633

S-5229

(NY-2637).

The Reversibility of Neutral-Red Granule-Formation
as a Function of the Duration of Existence of
the Granules, by Z. S. Shtempel', V. P. Troshina,
8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 1, 1959,
pp 105-110.

JPRS-1802-N

Sci - Med, Cytology
Aug 59

94,302

The Influence of Low Temperatures Upon Isolated
Epithelial Tissues of White Mice and Frogs, by
V. P. Troshina, V. A. Shturm, 4 pp.

RUSSIAN, no per, Byul Ekspar Biol i Med, Vol XLX,
No 7, Jul 1956, pp 63-66.

Consultants Bureau

Sci - Med

56, 184

Dec 57

Troshkin St. John, A. N. and Titterton, W. E. A PROCESS FOR COATING (OR LINING) AN ELONGATED OBJECT WITH THE AID OF POLYTETRAFLUOROETHYLENE AND PRESTRESSED TUBES. [1962] [15]p. Order from OTS or SLA \$1.60 Trans. of Belgian patent 564,359 by Resistoflex Corp., USA, appl. 29 Jan 58, granted 29 July 58 (priority: USA, filed 30 Jan 57). DESCRIPTORS: *Plastic tubing, Coatings, *Polyethylene plastics, Fluorides, Heat treatment, Stresses, Manufacturing methods. A tube of polytetrafluoroethylene resin agglomerated under heat and subjected to a prestressing has stable dimensions at ambient temperature but is susceptible, because of its being prestressed, of having the length of its periphery modified in a uniform manner along its (Materials--Plastics, TT, v. 9, no. 5) (over)	62-16333 I. Troshkin St. John, A. N. II. Titterton, W. E. III. Parent (Belgium) 564 359 C227844 Office of Technical Services
---	--

HYDROMETRY; THEORY AND PRACTICE OF HYDRAULIC
MEASUREMENTS, BY ADAM TADEUSZ TROSKOLANSKI.

POLISH, BK, HYDROMECHANIKA TECHNICZNA, 1960, 684 PP.

DEPT OF INTERIOR
TC177 T683

SCI - ENGR

NOV 62

075-62-12047

216,717

LUMINESCENCE METHODS IN CYTOLOGY, BY A. S. TROSHIN,
G. N. BARENBOYM, 7 PP.

RUSSIAN, PER, VEST AK NAUK SSSR, NO 6, 1963, PP 73-76.

JPRS 81357

MED & BIOL SCI
OCT 63

344,993

27

Influence of Alloying on the Hardness of NiAl and
Its Solid Solutions, by L. A. Kucherenko, V. A. Troshkina,
3 pp.
RUSSIAN, per, Vest Moscow Univ, Ser II Khimiya,
No 1, 1964, pp 53-55. 9695735
FTD-TT-64-1270

Sci - M/M
Jan 65

271,464

(DC-3354)

G. Yu. Belitskiy Ionnye Mekhanizmy Osnovnykh
Nervnykh Protsessov, [Ionic Mechanisms of the
Basic Nervous Processes], by V. P. Troshina, 8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June
1959, pp 341-344.

JPRS 3398

118,869

Sci - Biol

Jun 60

(DC-3354)

Conference on Adaptational Reactions and Methods of
Increasing Resistance of the Organism to Unfavorable
Influences, by I. P. Suzdal'skaya, V. P. Troshina,
8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June
1959, pp 347-350.

JPRS 3398

Sci - Biol

Jun 60

118,863

Portable Sets Using Pulse Transformers
to Obtain Short X-Ray Flashes, by K. F.
Zelenski, I. A. Troshkin, 5pp.

RUSSIAN, per, ~~Prihory i Tekh Eksp~~, No
2, 1963, pp 140-144.

ISA

Sci-Electron
Dec 63

245,707

An Investigation of Internal Mass-Transfer Processes D
During the Drying of Pasty Materials under the
Conditions Obtaining in the Roller-Belt Dryer-,
by B. S. Sashin, O. A. Troshkin, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXVI, No 7,
1963, pp 1483-1493.

CB

Sci
Sep 64

566,575